

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	37-1HBR-1	HENRY	133	9
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

TYPICAL SECTIONS

POPPY GARDEN RD
STATION 35+90-44+50
STATION 59+50-63+70

STRUCTURAL DESIGN INFORMATION - FLEXIBLE PAVEMENT
STRUCTURAL DESIGN TRAFFIC: YEAR 2025
PV = 2960 SU = 125 MU = 15

ROAD/STREET CLASSIFICATION: Class II

PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:
P = 50 S = 50 M = 50

TRAFFIC FACTOR: Actual TF = 0.202 Minimum TF = 0.5

AC Type = 20 AC Mixture Temp. = 78.6oF

AC Mixture Modulus = 585 Design Strain = 130

AC GRADE: Binder = PG 64-22 Surface = PG 64-22

Flexible Pavement Thickness = 8.5" Surface = 2" Binder = 6.5"

SUBGRADE SUPPORT RATING:

SSR = Poor (Sta. 35+90 to 63+70)

NOTE:
PAVEMENT REMOVAL LIMITS
• STA 35+90 - STA 42+50
• STA 60+50 - STA 63+70

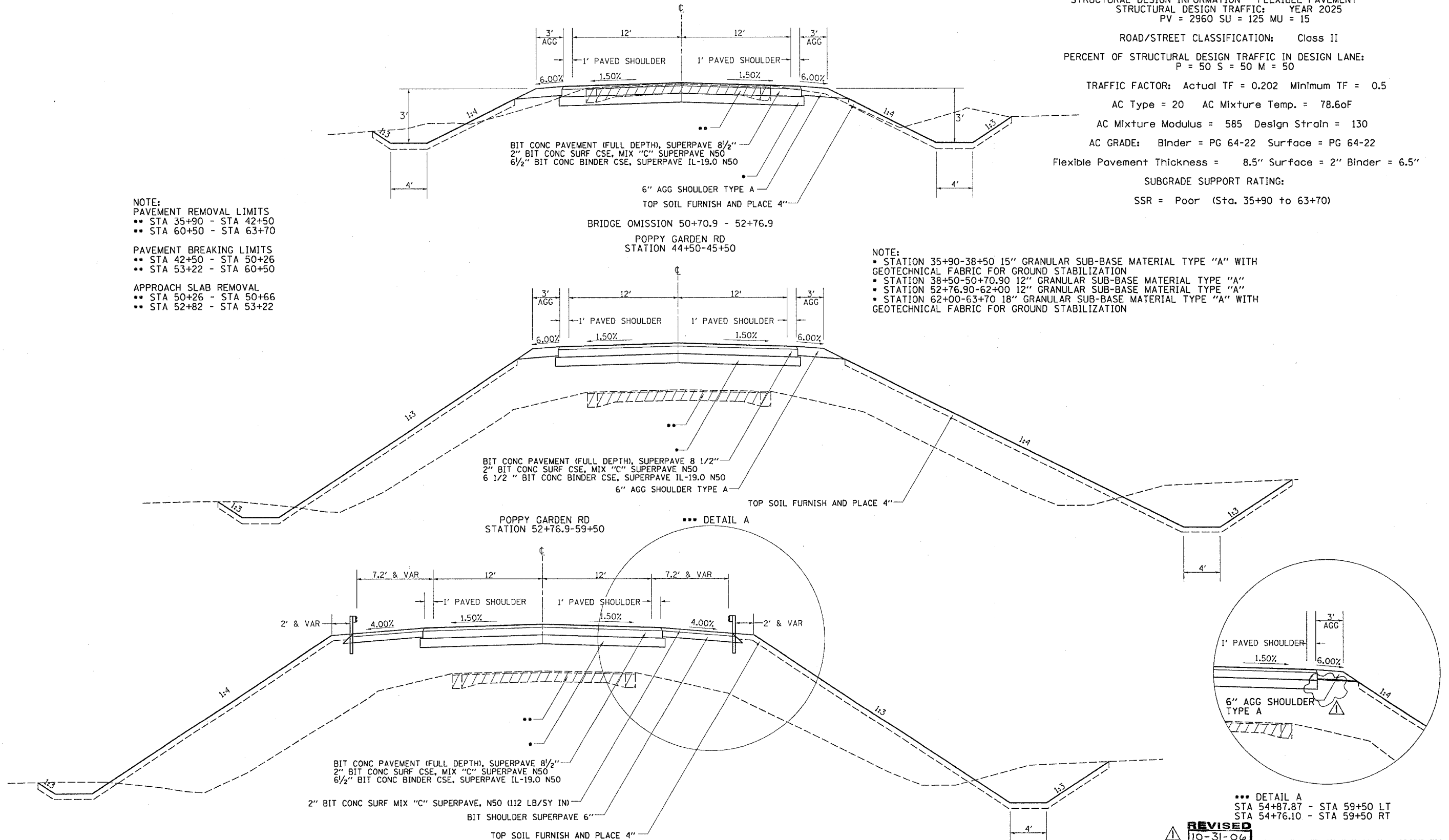
PAVEMENT BREAKING LIMITS
• STA 42+50 - STA 50+26
• STA 53+22 - STA 60+50

APPROACH SLAB REMOVAL
• STA 50+26 - STA 50+66
• STA 52+82 - STA 53+22

BRIDGE OMISSION 50+70.9 - 52+76.9

POPPY GARDEN RD
STATION 44+50-45+50

NOTE:
• STATION 35+90-38+50 15" GRANULAR SUB-BASE MATERIAL TYPE "A" WITH GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
• STATION 38+50-50+70.90 12" GRANULAR SUB-BASE MATERIAL TYPE "A"
• STATION 52+76.90-62+00 12" GRANULAR SUB-BASE MATERIAL TYPE "A"
• STATION 62+00-63+70 18" GRANULAR SUB-BASE MATERIAL TYPE "A" WITH GEOTECHNICAL FABRIC FOR GROUND STABILIZATION



REVISED
10-31-06

ILLINOIS DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

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